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## **A simultaneous presentation and fading procedure treating food selectivity in children with autism spectrum disorder**

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# EABG

# 2019

Experimental Analysis of Behaviour Group UK

LONDON MEETING: 15<sup>TH</sup> TO 17<sup>TH</sup> APRIL 2019

## CONFERENCE PROGRAMME

Organised by School of Psychology and School of Education,  
Bangor University, Wales

*Venue: Department of Psychology  
University College of London*



# 2019 INVITED SPEAKERS

## PROFESSOR FERGUS LOWE MEMORIAL KEYNOTE ADDRESS

### Expanding Behavior-Analytic Services to NeuroRehabilitation Settings

Megan Heinicke (California State University, Sacramento)

Each year in the United States, approximately 2.5 million Americans sustain a traumatic brain injury. Many of these brain injury survivors will present with long-term disability involving physical, behavioral, cognitive, and emotional consequences that can interfere with rehabilitative goals, independent living, and quality of life. Behavior analysts are well-equipped to expand their scope of practice outside of developmental disabilities to serve this growing and historically underserved population. This talk aims to 1) describe the epidemiology of brain injury, 2) offer a summary and examples of the current behavior-analytic literature in brain injury rehabilitation settings, and 3) provide optimal strategies for diversifying a behavior analyst's consumer base to serve brain injury survivors while continuing to meet the current BACB® Professional and Ethical Compliance Code.

#### Biography:

Dr. Megan Heinicke received her Ph.D. in Cognitive and Behavioral Sciences from Auburn University under the advisement of Dr. James Carr. Dr. Heinicke received her Bachelor's degree from Western Michigan University and her Master's degree from Auburn University. Currently, Dr. Heinicke is an assistant professor in the Psychology Department at California State University, Sacramento where she teaches undergraduate and graduate courses in applied behavior analysis and developmental disabilities. Dr. Heinicke is also a Board Certified Behavior Analyst with experience in various settings including neurorehabilitation settings, alternative schools, clinic settings, and foster and adult family home agencies. Dr. Heinicke has published research articles in peer-reviewed journals such as the Journal of Applied Behavior Analysis, Behavior Analysis in Practice, The Behavior Analyst, Brain Injury, and The Analysis of Verbal Behavior. Her current research interests include the use of behavioral interventions within neurorehabilitation settings, behavior-analytic teaching strategies for improving public speaking and learning outcomes for college students, verbal behavior, teaching community safety skills to adults with intellectual disabilities, and stimulus preference assessments.



## **Behavioural gerontology: Applying our science to older people and people with dementia in the UK**

Rebecca A. Sharp (Bangor University, Wales, UK)

There is a growing interest in both the UK and internationally in the application of behaviour analysis to support older adults, including adults with intellectual disabilities and dementia. A small but expanding body of literature shows the effectiveness of functional assessment methods, function-based interventions, and environmental changes to improve the quality of life in older adults. However, the current research is limited to specific topographies of behaviour, is conducted in care settings rather than in family homes, and our understanding of the limits of operant mechanisms for the behaviour of older adults is limited. In this talk, Rebecca will present a 'stock take' of what we understand about how people with dementia interact with their environment, suggest avenues for future applied and translational research, and discuss practice issues specific to older adults in a UK context.

### **Biography:**

Rebecca is a Board Certified Behavior Analyst (Doctoral level) and New Zealand Registered Psychologist who received her training from the University of Auckland. She is a Senior Lecturer and the Director of the Applied Behaviour Analysis Programme at Bangor University in Wales. She joined the UK Society for Behaviour Analysis Board of Directors in 2019. Rebecca has been an invited speaker in research and clinical settings around the world, and her research interests include measurement, behaviour analytic approaches to working with people with dementia and traumatic brain injury, people with comorbid dementia and developmental disabilities, the translation of clinical and laboratory research to applied settings, and teaching behaviour analysis. Clinically, Rebecca has worked with recidivist youth offenders, with children with brain injury, adults with dementia, and adults and children with IDD.



## **Sharland Foundation Invited Address: Small cogs, big machine.**

Nick Gore (University of Kent, UK)

The Sharland Foundation Developmental Disabilities Research and Impact Network (SF-DDARIN) aims to improve the lives of people with learning disabilities through behavior analysis. Nick will summarise key developments and work streams that have emerged through this innovative way of working in the last two years. Within this context he will then focus on the evolution of Positive Behavioural Support (PBS) from a basic science of human behavior through stakeholder collaboration in the UK. This will include consideration of research and strategic activities that have been initiated in recent years. Nick will conclude by identifying potential strategies and research questions that may support the continued development and implementation of PBS in the future.

### **Biography:**

Nick is a clinical psychologist, senior lecturer and researcher at Tizard Centre University of Kent. His work focuses on supporting children and adults with intellectual and developmental disabilities, together with their families and staff teams. Nick has a special interest in early intervention, challenging behavior and development of a Positive Behavioral Support Framework. He has produced a range of research, conceptual and practical publications in these areas and helped to develop and maintain national stakeholder networks in the field and the implementation of PBS in Norway. Nick is the lead developer for the Early Positive Approaches to Support programme and a member of the Sharland Foundation Developmental Disabilities Research and Impact Network.



DAY 1: MONDAY 15<sup>TH</sup> APRIL: MORNING SESSION

	<b>REGISTRATION (8:45-9:30 UCL FOYER)</b>	
<b>TIME</b>	<b>LECTURE THEATRE: GROUND G03</b>	<b>LECTURE THEATRE: LOWER GROUND</b>
	<b>Symposium: Behaviour analysis and older adults</b> Chair: Rebecca Sharp (Bangor University) <b>BCBA CE: 1.5</b>	<b>Symposium: Stimulus equivalence research and classical conditioning</b> Chair: J. Carl Hughes (Bangor University) <b>BCBA CE: 1.5</b>
9:30	<b>Comparing preference for edible and leisure items with adults with dementia and adults with intellectual disabilities and dementia</b> ZOE R. LUCOCK, Rebecca A. Sharp, & Robert S. P. Jones (Bangor University)	<b>Do Equivalence Relations Underlie Children's Rapid Learning of Listener and Speaker Relations?</b> NEIL DUGDALE (Leeds Beckett University)
9:50	<b>Simple antecedent manipulations that can aid in the future of clients with a diagnosis of advanced dementia</b> KARLA J. PELLING, Rebecca A. Sharp, & Carolien Lamers (Bangor University)	<b>Disentangling learning and inference in stimulus equivalence formation</b> DAVID DICKINS (University of Liverpool)
10.10	<b>Measuring the impact of headphones, background music and social interactions on reducing vocalisations for a client with neurocognitive disorder</b> KYLA DOUTHWAITE, Rebecca A. Sharp, & Carolien Lamers (Bangor University)	<b>A Comparison of Two Discrimination Training Procedures: Is Faulty Stimulus Control A Risk?</b> BRITTANY DISANTI, Svein Eikeseth, & Sigmund Eldevik (Oslo Metropolitan University)
10:30	<b>Reducing 'rude' behaviour in a woman with dementia: Presenting demands as requests for help</b> EMMA WILLIAMS, Rebecca A. Sharp, & Carolien Lamers (Bangor University)	<b>Physiological valence mediators underlying subliminal conditioning of appetite motivations</b> MICAHA AMD (Federal University of Sao Carlos)
<b>REFRESHMENTS (floor 3 common room) 10:50-11:30</b>		

DAY 1: MONDAY 15<sup>TH</sup> APRIL: MORNING SESSION (continued)

TIME	LECTURE THEATRE: GROUND G03	LECTURE THEATRE: LOWER GROUND
	<b>Symposium: ABA in special schools</b> Chair: Marguerite Hoerger (Bangor University) <b>BCBA CE: 1.5</b>	<b>Symposium: Verbal behaviour research</b> Chair: Emily Tyler (Bangor University) <b>BCBA: 1.5</b>
11:30	<b>Integrating ABA into a Special School Curriculum: The model and preliminary evidence</b> MARGUERITE HOERGER, Corinna Grindle, Helena O'Boyle, & Laura Pitts (Bangor University)	<b>Methodological Advances in Testing and Training Analogical Responding in Young Children</b> ELLE B. KIRSTEN & Ian Stewart (National University of Ireland, Galway)
11:50	<b>Extending the evidence base: a control group evaluation of the BESST Model</b> LAURA PITTS, Stacey Gent, & Marguerite Hoerger (Bangor University)	<b>Cross-domain transfer of relational operant training effects in primary school children</b> Shane McLoughlin, Antonina Pereira, TERESA MULHERN, Ian Tyndall (University of Chester)
12.10	<b>Evaluating the BESST model for students with Severe Learning Disabilities</b> HANNAH WALLEY & Marguerite Hoerger (Bangor University)	<b>Testing the effects of multiple exemplar instruction on the induction of joint incidental bidirectional naming in children diagnosed with autism</b> EMMA HAWKINS, Grant Gautreaux, & Mecca Chiesa (Tizard Centre)
12:20	<b>An analysis of the variables that affect successful BESST Model implementation</b> HELENA O'BOYLE & Marguerite Hoerger (Bangor University)	<b>Effects of a flexibility training on the reduction of prejudice</b> TÁHCITA M. MIZAEAL, Sam William Gibson, Bryan Roche, João H. de Almeida, & Julio C. de Rose (National University of Ireland, Maynooth)
<b>LUNCH 12:40 – 1:40</b>		

DAY 1: MONDAY 15<sup>TH</sup> APRIL: AFTERNOON SESSION

	LECTURE THEATRE: GROUND G03	LECTURE THEATRE: LOWER GROUND
	<b>Symposium: Assisting People with an Intellectual Disability to Self-manage Healthy Lifestyle Choices</b> Chair: Claire McDowell (Ulster University) <b>BCBA CE: 1</b>	<b>Symposium: Reading interventions</b> Chair: Emily Tyler (Bangor University) <b>BCBA CE: 1</b>
1:40	<b>Environmental factors that potentially influence weight loss in adults with intellectual disabilities (ID); A qualitative comparison between two groups</b> LAURA SKELLY, Phil Smyth, Mark Donnelly, Geraldine Leader, Julian Leslie, Liz Simpson & Claire McDowell (Ulster University)	<b>Supporting parent implementation of an online reading programme with struggling readers: a cluster-randomised controlled trial</b> SARAH ROBERTS, Emily Tyler, Richard Watkins, J Carl Hughes, & Richard Hastings (Bangor University)
2:00	<b>Growth Rates in Food Knowledge for Adults with Intellectual Disabilities (ID); Flashcard Learning versus Technology-Based Learning</b> LAURA SKELLY, Phil Smyth, Patricia Cusack, Sarah Loughran, Mark Donnelly, Geraldine Leader, Julian Leslie, & Claire McDowell (Ulster University)	<b>North Wales Repeated Reading Project (NW-RRP): A comparison of two reading fluency interventions in mainstream primary schools</b> EMILY TYLER, Mike Beverley, Sarah Roberts, Richard Watkins, Carl Hughes & Richard Hastings (Bangor University)
2:20	<b>HealthyTaps: A new way for people with an ID to self-manage their weight</b> PHIL SMYTH, Laura Skelly, Mark Donnelly, Geraldine Leader, Julian Leslie, Liz Simpson & Claire McDowell (Ulster University)	<b>A Comparison of Two Approaches to Supplementary Instruction for Children "At-Risk" of Reading Failure</b> CATHERINE STOREY, Claire McDowell, & Julian Leslie (Ulster University)
<b>POSTER SESSION ROOM 305 &amp; REFRESHMENTS (floor 3 common room) 2:40 – 3:30</b>		

	LECTURE THEATRE: LOWER GROUND
3:30-4.30	<b>INVITED SPEAKER</b>  <b>BEHAVIOURAL GERONTOLOGY: APPLYING OUR SCIENCE TO OLDER PEOPLE AND PEOPLE WITH DEMENTIA IN THE UK</b> DR REBECCA SHARP, Bangor University  <b>BCBA CE: 1</b>
<b>DAY END 4.30 (social meeting in Tavistock Hotel bar from 6:00 onwards)</b>	

DAY 2: TUESDAY 16<sup>th</sup> APRIL: MORNING SESSION

	REGISTRATION (8.30 – 9.00) UCL Foyer		
TIME	LECTURE THEATRE: GROUND G03	LECTURE THEATRE: LOWER GROUND	ROOM 305
	<b>Symposium: Interventions for children with ASD</b> Chair: Stacey Hunter (Bangor University) <b>BCBA CE: 1.5</b>	<b>Symposium: Precision Teaching Interventions and Verbal Behaviour</b> Chair: J. Carl Hughes (Bangor University) <b>CE: 1.5</b>	<b>Session: School-wide Positive Behaviour Support</b> Marguerite Hoerger (Bangor University) <b>BCBA CE: 2</b>
9:00	<b>A quantitative analysis of procedures for facilitating categorization skills among persons with autism</b> TERESA MULHERN (University of Chester)	<b>Implementation Support Improves Outcomes of a SAFMEDS Numeracy Strategy: A Cluster-Randomized Controlled Trial</b> KAYDEE OWEN, Stacey Hunter, Richard Watkins, Joshua Payne, Tom Bailey, Richard Hastings, J. Carl Hughes (Bangor University)	Please note that this session will run from 9:00 to 11:00
9:20	<b>Water safety for children with Autism Spectrum Disorder (ASD): How can applied behaviour analysis help?</b> CATRIONA MARTIN & Karola Dillenburger (Queen’s University Belfast)	<b>Using Precision Teaching to improve basic mathematical skills of students with disabilities</b> ATHANASIOS VOSTANIS, Mecca Chiesa, Ciara Padden, & Peter E Langdon (Tizard Centre)	
9.40	<b>A simultaneous presentation and fading procedure treating food selectivity in children with autism spectrum disorder</b> MARGARET KIRK & Katerina Dounavi (Queen’s University Belfast)	<b>Using Precision Teaching to increase fluency of Makaton signing in a mainstream nursery</b> Ivanah Edquiban, Angel Tan, Jenny Tan, BETHAN MAIR WILLIAMS (Bangor University)	
10.00	<b>Community Implementation of Early Behavioral Intervention: Higher Intensity Gives Better Outcome</b> SIGMUND ELDEVIK, Kristine Berg Titlestad, Hege Aarlie, & Roy Tønnesen (Oslo Metropolitan University)	<b>A systematic review and meta-analysis of the effect of listener training for establishing intraverbals</b> LINE BØRTVEIT, Oda Marie Vister, & Børge Strømgren (Oslo Metropolitan University)	
REFRESHMENTS (floor 3 common room) 10:20-11.00			



DAY 2: TUESDAY 16<sup>th</sup> APRIL: MORNING SESSION

TIME	LECTURE THEATRE: GROUND G03	LECTURE THEATRE: LOWER GROUND
	<b>Symposium: Applications of behaviour analysis</b> Chair: Rebecca Sharp (Bangor University) <b>BCBA CE: 1</b>	<b>Symposium: ABA in multi-disciplinary settings</b> Chair: Stacey Hunter (BCUHB) <b>BCBA CE: 1</b>
11:00	<b>Flipping the classroom at university level using a concurrent-choice procedure</b> BRETT WINSPER & Rebecca Sharp (Bangor University)	<b>"I know how to teach, but not what to teach": an investigation into the current attitudes and beliefs held by Board Certified Behaviour Analysts and Speech and Language Therapist in the UK</b> TARA BROPHY & Bethan Mair Williams (Queen's University Belfast)
11:20	<b>The effects of a self-monitoring system on social skills: Two case studies</b> KONSTANTINOS RIZOS, Susan Tirella, & Tugba Yildirim (Forest Bridge School)	<b>Be better with echoics: Using a multi-disciplinary approach to assess and support speech development</b> CYNTHIA EWERS-COBB, TARA MILLAN-BROPHY, & ROCHELLE GRAY
11:40	<b>Using applied behaviour analysis to break down the barriers of self-segregation</b> GILL LEGG (NTW NHS Foundation Trust)	<b>Using a workforce development approach to increase the use of positive behavioural support in the North East and Cumbria</b> ALISON BRANCH, Melissa Beard, & Lynne Jones (NHS Transforming Care Partnership - North East and Cumbria)
<b>LUNCH 12.00-1.00</b>		
<b>SF-DDARIN</b> Network meeting (12-30 - 2.30: Room 305)		

DAY 2: TUESDAY 11<sup>th</sup> APRIL: AFTERNOON SESSION

	LECTURE THEATRE: LOWER GROUND FLOOR
1:30	<p><b>UPDATES FROM THE UK SOCIETY FOR BEHAVIOUR ANALYSIS</b></p> <p>MECCA CHIESA, Jennifer L. Austin, Kate Grant, Suzy Yardley, Nick Barratt, Louise Denne, Aimee Giles, Maggie Hoerger, Jane McCready, Ciara Padden, Sandy Toogood, &amp; Athene Burdge (UK Society for Behaviour Analysis)</p> <p><b>BCBA CE: 1</b></p>
2.30	<p><b>SF-DDARIN INVITED SPEAKER</b></p> <p><b>SMALL COGS, BIG MACHINE</b></p> <p>DR NICK GORE (University of Kent)</p> <p><b>BCBA CE: 1</b></p>
	<b>REFRESHMENTS 3:30 – 4:00</b>
4:00	<p><b>PROFESSOR FERGUS LOWE MEMORIAL KEYNOTE ADDRESS</b></p> <p><b>EXPANDING BEHAVIOR-ANALYTIC SERVICES TO NEUROREHABILITATION SETTINGS</b></p> <p>DR MEGAN HEINICKE (California State University, Sacramento)</p> <p><b>BCBA CE: 1</b></p>
5:00	<p>Closing Session DAY TWO END (End of organised symposia)</p> <p>(Social meeting in Tavistock bar from 6:30)</p>

DAY 3 WEDNESDAY 17<sup>th</sup> APRIL

WORKSHOPS (NB: No Scheduled talks or symposia on Day 3).

(PLEASE NOTE THAT WORKSHOP COST IS NOT COVERED IN CONFERENCE REGISTRATION)

Workshop 1: Room: TBA	Workshop 2: Room: TBA	Room: TBA
HALF-DAY WORKSHOP (9:00 – 12.00)	HALF-DAY WORKSHOP (9:00 – 12.00)	FULL-DAY EVENT
<p><b>Title:</b> Improving Professional Behavior Analysts' Public Speaking Skills</p> <p><b>Instructor:</b> Dr Megan Heinicke, BCBA-D (California State University, Sacramento)</p> <p><b>Abstract:</b> Public speaking is paramount to a behavior analyst's professional and career development no matter their role (e.g., academic, administrator, practitioner). Proficient speaking is also an important skill for communicating powerful messages to a variety of professional audiences (Friman, 2014). For example, Friman urges behavior analysts to use "front of the room" opportunities to help achieve Skinner's vision of disseminating our science to mainstream audiences. However, public speaking is one of the most commonly reported human fears; thus "front of the room" opportunities are often avoided. This workshop will focus on increasing public speaking skills by 1) identifying barriers to fluent public speaking, 2) offering recommendations from interviews of 10 expert public speakers in our field, and 3) practicing behavior-analytic strategies to improve speech fluency.</p> <p><b>PRICE:</b> Half day £45 FULL REGISTRANT / BCBA; £30 – STUDENT / BCABA (Please Note this charge is NOT covered in Conference Registration)</p> <p><b>BCBA CEUS: 3</b></p>	<p><b>Title:</b> 8 Leadership Lessons from Organisational Behaviour Management</p> <p><b>Instructors:</b> Leah Fennema Hall, BCBA; Julie Eshleman, BCBA; Ioanna Konstantinidou, BCBA UK-SBA OBM SIG</p> <p><b>Abstract:</b> Organisational Behaviour Management (OBM) is a sub-discipline of ABA which seeks to understand the influence of environmental variables on employee behaviour. The field of OBM offers a wealth of strategies and tools that can turn the process of supervision and leadership into a pleasant experience with a positive impact on supervisor and supervisee behaviour. OBM skills can help supervisors support supervisees as they learn new behaviours, achieve relevant goals, learn to assess performance related issues, and choose functionally suitable interventions. This workshop reviews eight OBM strategies regarding systems analysis, feedback, goal setting, and more which aim to equip you with knowledge that can improve your behaviour as a supervisor but also as a behaviour analyst in general.</p> <p><b>PRICE:</b> Half day £45 FULL REGISTRANT / BCBA; £30 – STUDENT / BCABA (Please Note this charge is NOT covered in Conference Registration)</p> <p><b>BCBA CEUS: 3</b></p>	<p><b>Sharland Foundation Early Career Researcher Event</b></p> <p>This full day event sponsored by the Sharland Foundation Developmental Disabilities ABA Research and Impact Network is designed to support early career researchers in the UK and ROI, in particular PhD students, using behavioural interventions in the field of developmental disabilities. There will be three workshops, each giving participants the chance to hear from leaders in the field and providing helpful suggestions to develop your research and further your career. Throughout the day there will be space to network, both with senior researchers as well as with other early career researchers; in addition, you will have the opportunity to share your own research interests by displaying a poster, giving a presentation or providing a written summary which will be distributed to all participants.</p> <p>Please see flyer on following page.</p>



Sharland Foundation  
Developmental Disabilities  
ABA Research and Impact Network

17th April @ Dept of  
Psychology, UCL

# WANTED: EARLY CAREER RESEARCHERS

(Using behavioural interventions in the field of Developmental Disabilities)

*Attend a networking event with leading researchers, with workshops on funding, research and career development*

Every participant will have an opportunity to share their own research!

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**Open to researchers based in UK and ROI**

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